

SUBJECT : ENGLISH

Name of the Book: Kaveri - IX Course Content

Month-wise Academic Planner		
Unit	Prose	Poem
1	How I Taught My Grandmother to Read	Bharat Our Land
2	The Pot Maker	Gifts of Grace
3	Winds of Change	Canvas of Soil
4	Vitamin-M	I Cannot Remember My Mother
5	The World of Limitless Possibilities	Nine Gold Medals
6	Twin Melodies	A Friend Found in Music
7	Carrier of Words	Words
8	Follow That Dream	Believe in Yourself

Month	Units	Grammar	Writing Skills	Suggested Activities
April	Unit 1	Tenses	Formal letter Paragraph writing	Reading circle; interview grandparents
May	Unit 2	Modals	Reflective writing Poster Making	Clay modelling; dignity of labour discussion
June	Unit 3	Determiners	Factual description Descriptive Paragraph	Eco project; poetry recitation
July	Unit 4	Reported Speech	Article Writing Diary Entry	Role play; memory collage
Aug	Revision	Clauses	Notice writing Slogan writing	Inclusive sports presentation
September	Revision Units 1–4	Revision	Revision	Quiz; peer teaching
October	Unit 5	Prepositions	Play script creating Informal Letter	Music appreciation activity
November	Units 6	Editing/Omission	Essay Writing Condolence Writing	Career board
December	Unit 7	Revision	Email writing Speech writing	Future self letter
January	Unit 8	Revision	Revision	Revision

Art Integrated and Multidisciplinary Learning

Pottery craft, poster making, collage work, poetry illustration, digital presentations, data graphing, music appreciation, community survey, environmental awareness tasks.

Assessment Blueprint (Annual Examination)

BLUEPRINT

Section	Marks
Reading Skills	20
Writing Skills & Grammar	30
Literature	30
Total	80
Internal Assessment	20

Section	Question type	Total marks
Section A: Reading Skills	Reading comprehension through unseen passages Q1 . Factual/ literary Passage - 400–450 words. (12 Marks) Q2.Case-Based Passage (with verbal inputs) 200–250 words (8Marks) Total Length of the two passage (Both Passages) : 600-700 words	20 marks (12 + 8)
Section B: Writing Skills & Grammar (30 Marks 10+20)	Grammar Q3: * Tenses * Modal auxiliaries (ability, obligation, permission, possibility, advice) * Reported speech in extended texts including - statements, questions, Commands and requests) * Conditional clauses -Type 1 * Subject–verb concord * Determiners * Clauses - Noun clause , Relative Clauses Q 4 :Paragraph completion Selected response : fill up with option) Q5: Sentence rearrangement , Sentence transformation	(10 Marks = 4 + 3 + 3) (3 Marks) (4 marks)
Writing Skills	Q6: writing a Notice , creating a Poster (Word limit: up to 50 words) (4 Marks) Q7: write a Letter to Editor Formal Email on a given issue for presenting views and suggestions (Word limit: 120–150 words) (5 Marks) Q8: writing a Speech , Magazine Article Based on visual/verbal cues (Word limit: 120–150 words (5 Marks) Q9: writing a Narrative Essay (Word limit: 150–180 words) (6 Marks)	(3 Marks) 20 Marks = (4 + 5 + 5 + 6)

Section C: Language Through Literature (30 Marks)	Extract-Based Questions 15 Marks = 3 × 5 marks Q10: Prose (1 out of 2 extracts) Q11: Drama (1 out of 2 extracts) Q12: Poetry (1 out of 2 extracts) Types: of Question Selected and Constructed response, MCQs, Objective type questions,) VSAQs Constructed responses, short and long answer questions, 13 : Five out of seven questions to be answered in 40 to 50 words, (5x2= 10 marks.) 14: One out of two questions to be answered in 120 to 150 words to assess extrapolation beyond the text and across the text, theme, plot, character, (5marks.)	(15 + 10 + 5)
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INTERNAL ASSESSMENT 20 MARKS

Assessment	Marks
Periodic Pen and Paper Tests	05
Multiple Assessment (Quizzes/Oral Discussions/Presentations etc.)	05
Portfolio	05
Subject Enrichment Projects (ALS/Art/IS/ Tech integrated)	05

डी.ए.वी. पब्लिक स्कूल - झारखण्ड जोन - ई

हिन्दी

अर्द्धवार्षिक परीक्षा			
माह	पाठ	व्याकरण	लेखन
अप्रैल	पाठ 1. दो बैलों की कथा पाठ 8. रैदास के पद	उपसर्ग, प्रत्यय	अनौपचारिक पत्र
मई	पाठ 2. क्या लिखूँ? पाठ 9. राम लक्ष्मण-परशुराम संवाद	मुहावरे, समानार्थी शब्द	संवाद लेखन
जून	पाठ 3. संवादहीन	निपात, संज्ञा, सर्वनाम	-----
जुलाई	पाठ 4. ऐसी भी बातें होती हैं पाठ 10. भारती जय विजय करे	विराम चिह्न	दृश्य/घटना के चित्र पर आधारित लेखन
अगस्त	पुनरावृत्ति	पुनरावृत्ति	अपठित गद्यांश, अनुच्छेद लेखन
सितम्बर	अर्द्धवार्षिक परीक्षा	अर्द्धवार्षिक परीक्षा	अर्द्धवार्षिक परीक्षा
अक्टूबर	पाठ 5. आखिरी चट्टान तक पाठ 11. झाँसी की रानी	-----	-----
नवम्बर	पाठ 6. रीढ़ की हड्डी पाठ 12. घर की याद	संज्ञा, सर्वनाम, निपात पुनरावृत्ति	-----
दिसम्बर	पाठ 7. मैं और मेरा देश पाठ 12. तब याद तुम्हारी आती है	समानार्थी शब्द एवं विराम चिह्न (पुनरावृत्ति)	अनुच्छेद लेखन (पुनरावृत्ति)
जनवरी	पाठ 7. निर्मल जीत सिंह सेखो	-----	-----
फरवरी	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
मार्च	वार्षिक परीक्षा	वार्षिक परीक्षा	वार्षिक परीक्षा

इकाई	पाठ
प्रथम इकाई परीक्षा	दो बैलों की कथा, उपसर्ग, प्रत्यय, अनौपचारिक पत्र
द्वितीय इकाई परीक्षा	क्या लिखूँ?, रैदास के पद, मुहावरे, संवाद लेखन
तृतीय इकाई परीक्षा	आखिरी चट्टान तक, झाँसी की रानी, संज्ञा, सर्वनाम, निपात
चतुर्थ इकाई परीक्षा	रीढ़ की हड्डी, घर की याद, समानार्थी शब्द, विराम चिह्न, अनुच्छेद लेखन

बलुप्रिंट		
विषय वस्तु	उप भार	कुल भार (100)
खंड 'क'		
दो अपठित गद्यांश		
बहुविकल्पी प्रश्न ($1 \times 3 = 3$)	$7+7 = 14$	14
अति लघूत्तरात्मक एवं लघूत्तरात्मक प्रश्न ($2 \times 2 = 4$)		

खंड 'ख'		
व्यवहारिक व्याकरण		
समानार्थी शब्द (तीन में से दो प्रश्न) ($1 \times 2 = 2$)	$2+2 = 4$	
मुहावरे (तीन में से दो प्रश्न) ($1 \times 2 = 2$) (पाठ्य पुस्तक के आधार पर)		
उपसर्ग ($1 \times 2 = 2$) प्रत्यय ($1 \times 2 = 2$) (पांच में से चार प्रश्न)	$2+2 = 4$	
विराम चिह्न (तीन में से दो प्रश्न) ($1 \times 2 = 2$)	2	
संज्ञा ($1 \times 2 = 2$) सर्वनाम ($1 \times 2 = 2$) निपात ($1 \times 2 = 2$) (सात में से छः प्रश्न)	$2+2+2 = 6$	16

खंड 'ग'		
पाठ्य पुस्तक (गंगा)		
पठित गद्यांश (पांच बहुविकल्पीय प्रश्न)	$1 \times 5 = 5$	
गद्य खंड (पांच में से चार प्रश्न)	$2 \times 4 = 8$	
पठित पद्यांश (पांच बहुविकल्पीय प्रश्न)	$1 \times 5 = 5$	
पद्य खंड (पांच में से चार प्रश्न)	$2 \times 4 = 8$	
संपूर्ण पुस्तक से चिंतन पर आधारित प्रश्न (दो प्रश्न में से एक प्रश्न)	$1 \times 4 = 4$	30

खंड 'घ'		
अनुच्छेद-लेखन (तीन विषयों में से कोई एक)	5	
अनौपचारिक पत्र (विकल्प सहित)	5	
संवाद लेखन (विकल्प सहित)	5	
किसी दृश्य/घटना के चित्र पर आधारित लगभग 80 शब्दों में लेखन	5	20
आंतरिक मूल्यांकन		
सामयिक आकलन	5	
बहुविध आकलन	5	
पोर्टफोलियो	5	
श्रवण एवं वाचन	5	20

SUBJECT : SANSKRIT

TERM 1

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
अप्रैलमासः	प्रथमपाठः	सत्यं शिवं सुन्दरं संस्कृतम्	1. उच्चारणस्थानानि 4x½=2 2. सन्धिकार्यम् 3x1=3 i स्वरसन्धिः - दीर्घ, गुण, वृद्धिः, यण, अयादि, पूर्वरूपम् ii व्यञ्जनसन्धिः - जशत्वसन्धिः, 'म्' स्थाने अनुस्वारः, तुगागमः iii विसर्गसन्धिः - उत्त्वम्, विसर्गस्य सत्वम्, शत्वम्, षत्वम्, रत्वम् 3. प्रत्ययाः - 3x1=3 क्त्वा, तुमुन्, ल्यप्, शतृ, शानच्, क्तवतु, क्त 4. समासः तत्पुरुष - 3x1=3 (विभक्ति-नञ्-उपपद-कर्मधारय)
मईमासः	द्वितीयपाठः	सुखस्य मूलं धर्मः धर्मस्य मूलम् अर्थः	4. कारक - उपपद- विभक्तयः 3x1=3 द्वितीया - समया, निकषा, प्रति, विना, परितः, उभयतः, धिक् तृतीया- सह, समम्, साकम्, सार्धम्, विना, अलम्, सदृश, हीन चतुर्थी - —रुच, दा (यच्छ), नमः, कुप्, स्वस्ति पञ्चमी - विना, बहिः भी, रक्ष, ऋते षष्ठी- उपरि, अधः, पुरतः, पृष्ठतः, निर्धारणे सप्तमी- स्निह्, विश्वस, निपुणः, पटुः 6. शब्दरूपाणि 3x1=3 i पुँल्लिङ्गशब्दाः - बालकवत्, कविवत्, साधुवत्, पितृवत्, राजन्, भवत्, विद्वस्, गुनिन् ii स्त्रीलिङ्गशब्दाः - लतावत्, मतिवत्, नदीवत्, मातृवत्, धेनुवत् iii नपुंसकलिङ्गशब्दाः - फलवत्, वारि, जगत्, मनस्, चक्षुष् vi सर्वनामशब्दाः - तत्, इदम्, किम्, (त्रिषु लिङ्गेषु), अस्मद्, युष्मद्
जूनमासः	तृतीयपाठः चतुर्थपाठः	आत्मवत्सर्वभूतेषु यः पश्चति सः पण्डितः न खलु वयस्तेजसो हेतु	7. धातुरूपाणि 3x1=3 i परस्मैपदिनः - पठ्, गम्, वद्, भू, क्रीड्, नी, दृश्, शक्, ज्ञा, अस, कृ, दा, क्री, श्रु, पा (पिब), (पञ्चसु लकारेषु) ii आत्मनेपदिनः - सेव, लभ्, रुच, मुद, वृध्, (लट्-लृट्-लोट्-लकारेषु) iii उभयपदिनः - कृ, पच्, नी, कृष्, ह, भज् (केवलं लट्-लकारे) 8. अव्ययानि 4x½=2 स्थानबोधकानि- अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र कालबोधकानि- यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः प्रश्नबोधकानि- किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् अन्यानि- च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
जुलाईमासः	पंचमपाठः	एषा सा कृतकबुद्धिः मानवबुद्धेः सहकरी	9. सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकं पत्रलेखनम् (मञ्जूषायाः सहायतया रिक्तस्थानपूर्तिमाध्यमेन पूर्णं पत्रं लेखनीयम्) 10. चित्राधारितं वर्णनम् अथवा अनुच्छेदलेखनम् (मञ्जूषायाः सहायतया चित्रवर्णनम् अनुच्छेदलेखनं वा करणीयम्) 11. सङ्ख्या 3x1=3 1-100 (1-4 केवलं प्रथमा-विभक्तौ) 12. गद्यांशम्-पद्यंशम्-नाट्यांशम् अधिकृत्य अवबोधनात्मकं कार्यम् प्रश्नप्रकाराः - एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि भाषिककार्यम् :- i वाक्ये कर्तु-क्रियापदचयनम् । ii विशेषण-विश्याचयनम् । iii पर्याय-विलोमपचयनम् । vi सर्वनामस्थाने संज्ञाप्रयोगः ।
अगस्तमासः			पुनरावृत्तिः प्रश्नपत्राभ्यासश्च

Term 2

सितम्बरमासः	षष्ठपाठः	मनःपूतं समाचरेत्	वाक्येषु रेखाङ्कितपदान्यधिकृत्य प्रश्ननिर्माणम् 5
अक्टूबरमासः	सप्तमपाठः	उपयं चिन्तयेत् प्राज्ञस्तथापयं च चिन्तयेत्	अन्वयः अथवा भावार्थः (रिक्तस्थानपूर्ति) 4
नवम्बरमासः	अष्टमपाठः	आन्नद् आनन्दं प्रति	पाठाधारित-कथापूर्तिः (मञ्जूषापदसहायतया रिक्तस्थापूर्तिः) 3
दिसम्बरमासः	नवमपाठः	कृतं प्रतिकृतं भूयादेष धर्मः सनातनः	प्रसङ्गानुकूलम् अर्थचयनम् 3
	दशमपाठः	णमो अरिहन्ताणम्	
जनवरीमासः			पुनरावृत्तिः प्रश्नपत्राभ्यासश्च

SUBJECT - MATHEMATICS

Name of the Book: GANIT MANJARI (PART 1 AND 2)

TERM 1

S. No.	MONTH	NAME OF THE CHAPTERS	ACTIVITY / PROJECT
1	MARCH	1. :Orienting Yourself: The use of coordinates	1. Model situations on co- ordinate plane.
2	APRIL	:Orienting Yourself: The use of coordinates(Continue)	2. ;Graph on linear growth and Linear Decay
		2. Introduction to Linear polynomials. Linear Equations in two variables.	3. Linear pattern using match sticks.
UT-1: The Use of Co-ordinates			
3	MAY	3. :The world of numbers	4. To construct square root spiral. 5. To represent some irrational numbers on the number line.
4	JUNE	4. Exploring Algebraic Identities.	6. Verification of Algebraic Identities(geometrically)
		UT-2: The world of numbers and Linear Polynomials.	
5	JULY	5. :I'm Up and Down, and Round and Round.	7. Explain through activity : why there exists a unique circle through three non-collinear points.
		6. :Measuring space : Perimeter and area	8. Activity: why ‘equal chords subtend equal angles at the centre’. 9. Activity: The circumference-to-diameter ratio is constant for all circles.
6	AUGUST	7. :The mathematics may be, Introduction to probability and 8. Predicting what comes next : Exploring sequences and progression.	10. Visualise A.P and G. P graphically.
7	SEPTEMBER	Revision and Term 1	
8	OCTOBER	9. Introduction to Euclid's Geometry	11. Discovering Euclid's definition. Constructing a square with a given side as described in the Baudhayana’s Sulbasutras
9	NOVEMBER	10. Lines and Angles, 11. Mensuration (Surface Area and Volume)	12. Modeling on theorems ,examples and classification on lines and Angles.
		UT-3: Lines and Angles ,Surface Area and Volume	

10	DECEMBER	12. Triangles and Congruence Theorems,	
11	JANUARY	13. 4-gons (Quadrilaterals), Statistics	13. Reflections and Rotation symmetry of 4-gons. Engage in drawing, measurement and paper manipulation activities to discover geometric patterns involving triangles and 4-gons..
		UT-4: Triangles and 4-gons,	
12	FEBRUARY	14. Statistics and Revision.	14. Apply computational thinking strategies to analyse real-life data, create appropriate graphical representations, and interpret mean, median and mode for decision making
		TERM 2	Remark: Each chapter's Think and Reflect section will be used for group discussions, hands-on exploration, and open-ended problem solving to build conceptual depth. - *Focus on Competencies*: Emphasis will be on logical reasoning, analytical thinking, and application of knowledge, enabling

COURSE STRUCTURE

Unit	Unit Name	Marks
I	NUMBER SYSTEMS	10
II	ALGEBRA	20
III	COORDINATE GEOMETRY	04
IV	GEOMETRY	27
V	MENSURATION	13
VI	STATISTICS	06
	Total	80

SUBJECT - SCIENCE

MONTH	TOPIC	ACTIVITY
MARCH - APRIL	PHYSICS Chapter -4) Describing motion around us * Motion - displacement, velocity, acceleration * Graphical representation of motion for an object moving in a straight line in one direction (with constant velocity, and constant acceleration) CHEMISTRY Chapter - 5 Exploring mixtures and their Separation * Heterogeneous and homogeneous mixtures * Solutions, suspensions, colloids and their properties BIOLOGY CELL-THE BUILDING BLOCK OF LIFE * Discovery of cell * Plant and animal cells * Structure and function of Plasma membrane and Cell Wall * Concept of isotonic hypotonic. hypertonic solutions * Concept of diffusion and Osmosis, Plasmolysis * Structure and function of Nucleus * Prokaryotic and Eukaryotic cells	PHYSICS * Recognising uniform and non uniform motion with the given data CHEMISTRY Apply the knowledge of homogeneous and heterogeneous mixtures in daily life. * To prepare true solution of common salts, sugar and alum in water and study their properties like transparency, stability and filtration criterion * To make suspensions of a soil, chalk powder and fine and study their properties like transparency, stability and filtration criterion. * To make colloid of a starch, and study their properties like transparency, stability and filtration criterion. * To distinguish between true solution, a suspensions and a colloidal solution on the basis of transparency, filtration criterion and stability. BIOLOGY * Demonstrate osmosis in cells- Potato Osmoscope * Prepare slides to observe cell structure * Design models of Cell Organelles using low cost eco-friendly materials to study their structure and functions (Role Play)

MONTH	TOPIC	ACTIVITY
MAY	PHYSICS Kinematic equations for motion in a straight line with constant acceleration (by graphical method) CHEMISTRY Various ways to express concentration of Solutions (mass by mass percentage of a solution, mass by volume of a solution, volume by volume percentage of a solution) Separation technique based on the physical properties of components including crystallisation, BIOLOGY Cell as a structural and functional unit of life: structure and function of key organelles mitochondria, chloroplast, endoplasmic reticulum, vacuoles * , plasma membrane, cell wall * Permeability of cell membranes	PHYSICS Analysing distance-time and velocity time graph for different types of motion. CHEMISTRY Use scientific conventions and standard units to express concentrations * To prepare a saturated solution of common salts in distilled water and to determine its solubility at room temperature. BIOLOGY Case study related to the use of science in human life, for example, Leigh Syndrome and mitochondrial dysfunction
JUNE	PHYSICS * Elementary idea of uniform circular motion . Chapter -6)How forces affect motion Force; balanced and unbalanced forces CHEMISTRY Distillation, paper chromatography, sublimation, centrifugation and coagulation Chapter - 8 Journey inside the Atom Chapter 8 * Atoms as a basic unit of elements * Atoms consists of sub particles BIOLOGY * cellular division and cancer Recent advancement in cell biology	PHYSICS Analyse real-life events and phenomena, and identify the key factors that influence their behaviour * Develop a model to represent real-life event CHEMISTRY To separate the components of a mixture of sand, common salt and ammonium chloride by suitable methods * To prepare a chart on contribution of the ancient Indian Philosopher, Acharya Kanad's idea of indivisible particles. BIOLOGY Discuss significant contributions of Indian Scientists, for example, Professor Arun Kumar Sharma for his work on chromosomes and methods for its studies. (ASSIGNMENT)

MONTH	TOPIC	ACTIVITY
JULY	PHYSICS Force of friction * Newton's first law of motion * Newton's second law of Motion CHEMISTRY Atomic models (Thomson's Models, Rutherford's Models and Bohrs' models) * Distributor of electrons in elements upto 18 element * Symbols * Valency as the combining capacity BIOLOGY TISSUES Tissues : Introduction and importance * Level of organisation in the living organisms * Plant and animal tissues * Types of plant tissues * Meristematic tissues (types and function of each) * Permanent tissues (types, structure and function of each)	PHYSICS Verification of Newton's third law of motion with the help of two spring balances CHEMISTRY To make 3 D atomic models. * To prepare a chart to show distribution of electrons in an element BIOLOGY Show prepared slides of Plant tissue
AUGUST	PHYSICS Newton's third law of motion * Forces acting on system of objects * Revision CHEMISTRY Atomic number * Mass number * Isotopes * Isobars * Revision BIOLOGY * Animals tissues * Overview (epithelial, connective, muscular and nervous tissues - types, structure and function of each) * Elementary idea of musculoskeletal system * Care of musculoskeletal system : injuries, postural care, nutrition exercise	CHEMISTRY * To recognize and accurately apply the chemical symbols for the first eighteen elements according to IUPAC To make a list of use of isotopes in medicines to treat different diseases and Atomic energy in power generation. BIOLOGY Learning of structure and function of muscles cells or joints in dance form and/or sports the importance of yogic exercises and posture for physical agility and in maintaining the correct posture (Assignment) Significant contributions of Indian Scientist, for example, Professor Sipra Guha Mukherjee and Professor S.C. Maheshwari for their significant contribution in the plant cell and tissue culture research of India. (Research Work)

MONTH	TOPIC	ACTIVITY
SEPTEMBER	PHYSICS * 1st Terminal Exam * Chapter - 6 Work, Energy and Simple Machines * Concept of work; work done by a constant force CHEMISTRY * 1st Terminal Exam * Chapter - 9 Atomic Foundation of Matter * Law of conservation of mass BIOLOGY REVISION HALF YEARLY EXAM	CHEMISTRY * To verify Law of conservation of mass in case of chemical change.
OCTOBER	PHYSICS Work-Energy theorem * Mechanical energy, kinetic and potential energy, and conversion between potential energy and kinetic energy * Conservation of energy CHEMISTRY * Law of constant proportion * Dalton's Atoms theory * Molecules of elements, Molecules of covalent Compounds and their properties. BIOLOGY REPRODUCTION - Introduction to different forms of reproduction sexual and asexual. * Types of asexual reproduction with examples * Sexual reproduction in flowering plants (flower and its parts, pollination, fertilisation, seed dispersal)	PHYSICS Comparison of powers : Two children of the same weight climbing stairs to the same height. Even though the work done is the same, the child who reaches the top faster expends more power. CHEMISTRY * Make a portfolio about the scientific discoveries such as the contribution of Antoine Lavoisier, Joseph Proust and John Dalton BIOLOGY Process of budding in Yeast Dissection of bisexual flower showing floral parts.

MONTH	TOPIC	ACTIVITY
NOVEMBER	PHYSICS * Power * Simple machines and their mechanical advantage (pulley, inclined plane, lever) Chapter - 10 Sound waves : Characteristics and application * Production of sound * Propagation of sound (as a longitudinal wave through a medium) CHEMISTRY Ions, Ionic compounds and their properties * Writing chemical formulae * Molecular mass * Formula unit mass Chapter - 10 Earth as a system Energy, matter and life * Earth as interconnected system BIOLOGY Sexual reproduction in humans: male and female reproductive systems (structure and function, formation of gametes, sperm and egg, fertilisation, pregnancy and development of embryo, menstrual cycle) * Reproductive health and hygiene * Introduction to birth control methods and importance	PHYSICS * Identify different simple machines (pulley, inclined plane and lever) * Demonstrate and explain mechanical advantage of simple machines their conclusions to others CHEMISTRY To calculate the charge of an ion, Valency from the atomic number the Molecular and formula unit mass * To use scientific conventions, symbols and valency to write the chemical formulae of simple compound BIOLOGY The significance of contraceptive devices for population control and health including reproductive health. Discussion and Presentation

MONTH	TOPIC	ACTIVITY
DECEMBER	PHYSICS * Graphical representation of sound wave * Characteristics of sound wave (wave length, frequency, time period, amplitude, intensity, speed) * Human perception of sound (pitch, loudness) * Propagation of sound in different media (solid, liquid) CHEMISTRY * Nature of solar energy Solar radiation, electromagnetic spectrum and speed of light * Solar energy interactions with the Earth's Surface and differential heating of the Earth BIOLOGY Importance of Classification * Five kingdoms and their key features with examples	PHYSICS * Demonstration : Sound can travel through different mediums (air, solid and liquid) by using different apparatus. CHEMISTRY * To make a chart on solar radiation which is an electromagnetic waves having different frequencies * To display awareness in the role of the atmosphere in influencing weather and climate BIOLOGY Apply Binomial Nomenclature on some common organisms in their surroundings. (Project Work)
JANUARY	PHYSICS * Reflection of sound (echo, reverberation), echolocation) * Revision CHEMISTRY * Differential warming of the earth causes winds * Biogeochemical cycles (Water cycle, carbon cycle, nitrogen cycle, oxygen cycle) * Human impact on Earth's system * Revision BIOLOGY Major division of animals and plants * Binomial nomenclature * Acellular entities - Viruses	PHYSICS Verification of laws of reflection of sound using laboratory apparatus. CHEMISTRY * Class discussion on biogeochemical cycle and the roles of biochemical cycles in circulating matter and energy continues lying between non-living environment and living organisms BIOLOGY Various organisms in groups, such as five kingdoms, on the basis of their cellular organisation and ecological role. (Mind Mapping)
FEBRUARY	* Revision * Annual Examination - 2026-27	

SUBJECT- SOCIAL SCIENCE (GEOGRAPHY, HISTORY, POL. SCI., ECONOMICS)

GEOGRAPHY

Months	Name of the Chapters	Activities/Project
April	CH-1 Understanding Social Science • Meaning, scope and relevance of Social Science • Understanding Social Science from an Indian perspective	* Students create a mind map on “What is Social Science”? Include branches like History ,Geography, Political Science and Economics
May	CH-2 Shaping of the Earth’s Surface • Theory of Plate Tectonics • Interior of the Earth	1. Plate Tectonics Model Use cardboard/thermocool Show Continental Plates Demonstrate movement (Divergent, Convergent)
June	CH-2 Shaping of the Earth’s Surface(CONTD...) • Role of weathering and erosion; agents of gradation — river, waves and currents, wind, glaciers, and underground water	2. Volcano Model (Fun Experiment) Make a volcano using clay Use baking soda + vinegar for eruption demo. Explain Internal forces of Earth.
July	• Landforms and disasters: Earthquakes, landslides, avalanches, Glacial Lake Outburst Flood (GLOF) and dust storms CH-3Atmosphere and Climate • Structure and composition; elements of weather and climate • Seasons of India and monsoons	Make posters on: • Global warming • Save Earth • Reduce carbon footprint • Add Slogans and Solutions
August	CH-3Atmosphere and Climate(CONTD...) • Climate change • Floods • Carbon footprint Revision	
September	•1St Terminal exam CH-1 Oceans and Life • Introduction to ocean relief, movement of ocean water- waves, tides and currents • Marine resources and their significance; open seas, navigation fishing, and livelihood concerns and challenges	Give students a world map Mark: Warm currents (red ✱) Cold currents (blue ✱) Add arrows for direction

October	Cyclones and Tsunamis — early warning systems • International maritime rules and regulations	
November	CH-2 Life on Earth • Biomes: Distribution and characteristics; biosphere reserves in India • Forest and ecotourism; forest dwellers, their livelihoods, and challenges	Ecotourism Poster Making Make posters on: “Save Forests” “Responsible Tourism” Include Slogans & Drawings
December	Forest and wildlife conservation • Government efforts to support forest dwellers.	Biosphere Reserves of India Provide India map Mark: • Sundarbans • Nilgiri • Nanda Devi
January	Revision	
February	Revision Annual Examination -2026-27	

BLUEPRINT OF GEOGRAPHY

Subject	Marks	VSA (1 Marks)	VSA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Source Based	Map Skill	TOTAL
Geography	20	1 (6)	2 (1)	N.A	5 (1)	4 (1)	1 (3)	20

HISTORY

MONTH	NAME OF THE CHAPTER	ACTIVITY/PROJECT
APRIL	Chapter 4 Beginning of Civilisation Meaning, scope and relevance of prehistoric times	* Students create a mind map of how humans lived before the invention of within
MAY	Chapter 4 Continued Harappan, Mesopotamian, Egyptian and Chinese Civilizations	Draw the different tools of Paleolithic, Mesolithic and Neolithin Ages
JUNE	Chapter 5 State and Society upto 1000CE Vedic Age Geography, Texts, rituals, political and social order early empires	Write about the various facets of Vedic Society.

MONTH	NAME OF THE CHAPTER	ACTIVITY/PROJECT
JULY	Chapter 5 Continued Education Institutions Knowledge Educational heritage, institutions Traders and trade route	
AUGUST	Revision for First Term	
SEPTEMBER	* 1st Terminal Exam Chapter 3 Part 2 Resistance and Resilience 1000CE to 1700 CE Medieval Indian Kingdoms Art and Architecture	Explore how regional Kingdoms in Medieval India adapt to the changing political, economical and cultural contexts over the times.
OCTOBER	Chapter 3 Continued Bhakti Tradition Forts and fortification Expansion of Indian economic	Make a project on the development of Art and Architecture in India between 1000CE to 1700CE
NOVEMBER	Chapter 4 India and the World 1900 BCE-1200CE Ancient Global Connections Mesopotamian and Rome	Explore India's relations with Early Civilisations of the world Identify the major articles for trade
DECEMBER	Chapter 4 Continued Indian Knowledge Systems Cultural Influence Relations with Early Civilisation	Write about the contribution of India in the areas Medicine Mathematics Astronomy
JANUARY	Revision	
FEBRUARY	Revision Second Term examination 2026-27	

List of Map items for Social Science-HISTORY
Outline map of the world locate, label, identify

TERM 1

Early Humans and Beginning of Civilisation- Mesopotamian, Egyptian, Chinese Civilisation.

TERM 2

India and the World-I- Greece, Central Asia, China, South East Asia

POLITICAL SCIENCE

MONTH	CHAPTER/TOPIC	ACTIVITY
APRIL MAY	6. DEMOCRACY	1. Meaning, features and types of democracy 2. Roots of democracy in India 3. Challenges of democracy in India 4. Democratic System in the world
JUNE JULY	7. ELECTION	1. Factors of importance of election 2. Electoral systems 3. Dilimitation, commission 4. Election commission of India and its role 5. Constituencies, Electoral role And Enumerator 6. Party system in India
AUGUST	Revision	Activities Presentation on early democratic tradition in India and how they influenced modern democracy election procedure
SEPTEMBER	1st Term	
OCTOBER NOVEMBER DECEMBER	AUTHORITY	1. The roots of authority in Kautilya and Shukranti-Dana and relationship with Nayay and bala the types of Nayaya and Bala 2. Constitutional status of justice and security since ancient times. 3. Links and role of citizens with the election and the democratic institutions 4. Type of authority, functional, sensitive and welfare oriented.
JANUARY	AUTHORITY Revision	Evolution of authority structure of India Understanding of citizens, discipline, justice, and strength
FEBRUARY	Revision 2nd Term	

BLUEPRINT OF HISTORY AND POLITICAL SCIENCE

Unit Subject	Marks	VSA (1 Marks)	VSA (2 Marks)	SA (3 Marks)	LA (5 Marks)	Source Based	Map Skill	TOTAL
History	20	1 (4)	1 (2)	1 (3)	1 (5)	1 (4)	1 (2)	20
Political Science	20	8 (1)	2 (2)	1 (3)	1 (5)	-	-	20

ECONOMICS

Month	Chapter	Activity
April	1. Part 1; CH08: Building blocks in Economics i) Introduction to Economics ii) Resources, its functions, types and importance iii) Scarcity of resources 2. Continuation of Chapter 08 i) Central Problem ii) Scarcity and economics problems iii) Choice and Opportunity cost iv) Importance of opportunity cost and its role in Economics	1. Prepare a "Commodity Bundle": List 10 commodities used in daily life and place them in a table as per your preferences and justify the reasons of their order in the commodity bundle.
May	3. Continuation of Chapter 08: i) Economics Systems	
June	4. Continuation of Chapter 08: i) Market economics ii) Planned economy iii) Mixed economics iv) Welfare Economics	2. Make a comparative analysis to show properties, advantages and limitations of all the three types of economics. 3. Make a table to present various welfare schemes run by Govt. of India in last 20 years in our country, mention about the targeted groups, benefit of the schemes.
July	5. Chapter 09: The Price Puzzle: What drives the Market i) Law of Demand ii) Law of Supply iii) Interaction of demand and supply iv) Real world deviation	4. Experiential learning project: a) Collect some data from the market about price of a particular commodity and its corresponding quantity demanded. Steps to conduct the survey: i) Visit the nearby market ii) Identify a commodity of your choice. iii) Enquire any 5 buyers about the commodity iv) Record their responses v) List the conclusions drawn from the responses of the buyers. b) Collect some data from the market about price of a particular commodity and its corresponding quantity supplied. Steps to conduct the survey: i) Visit the nearby market ii) Identify a commodity of your choice. iii) Enquire any 5 sellers about the commodity iv) Record their responses

July		v) List the conclusions drawn from the responses of the sellers. c) Record the contrast between the thought process of a buyer and a seller.
August	6. Continuation of Chapter 09: i) Price ceilings and its effects ii) Price floor iii) Market failure and the role of the government.	
September	REVISION and Term 1	
October	7. Part 2; Ch 06: From ideas to start Ups i) Entrepreneurship and its Importance ii) Resources required for business iii) Case study of successful entrepreneurs iv) Creative Destruction: its meaning, importance, challenges and role in economic growth.	5. Choose any two examples of real life creative destructions of present time. Prepare a short report of their implications and changes brought by them base on your observation and analysis.
November	8. Continuation of Chapter 06: i) Make in India; Its objectives and key features ii) Role of MSME and the unorganized sector; its importance and challenges iii) Basic accounting in Business iv) Key components of a balance Sheet v) Starting and executing a business idea	6. Choose a simple business idea and prepare a blue print to start it, include all the stages required to execute the plan.
DECEMBER	9 Ch 07: Smart ways to manage your Finances i) Introduction to personal finance management and its importance ii) Inflation and purchasing power iii) Simple and compound interest iv) Budgeting v) Savings and investment options	7. Create a budget for one month by listing income, expenditure and savings of a common household.
JANUARY	10. Continuation of chapter 07: i) Risk and insurance ii) Personal income tax Revision	
FEBRUARY	REVISION and Term 2	

BLUEPRINT OF ECONOMICS

TYPE OF QUESTIONS	NO. OF QUESTIONS	MARKS	TOTAL
MCQ	7	1	7
VSA	1	2	2
SA	2	3	6
LA	1	5	5

**CBSE|DEPARTMENT OF SKILL EDUCATION
INFORMATION TECHNOLOGY (SUBJECT CODE 402)**

CLASS - IX (SESSION 2026-2027)

Total Marks : 100 (Theory-50 + Practical-50)

UNITS		NO. OF HOURS for Theory and Practical		MAX. MARKS for Theory and Practical
PART - A	Employability Skills			
	Unit 1: Communication Skills-I	10		2
	Unit 2: Self-Management Skills-I	10		3
	Unit 3: ICT Skills-I	10		1
	Unit 4: Entrepreneurial Skills-I	15		3
	Unit 5: Green Skills-I	05		1
	Total	50		10
PART - B	Subject Specific Skills			
		Theory	Practical	
	Unit 1: Introduction to IT - ITes industry	2	4	4
	Unit 2: Data Entry & Keyboarding Skills	4	10	6
	Unit 3: Digital Documentation	10	26	10
	Unit 4: Electronic Spreadsheet	18	35	10
	Unit 5: Digital Presentation	10	31	10
	Total	44	106	40
PART - C	Practical Work			
	Practical Examination			15
	Written Test			10
	Viva Voice			10
	Total			35
PART - D	Project Work/ Field Visit			
	Practical File/ Student Portfolio			10
	Viva Voice			05
	Total			15
GRAND TOTAL		200		100

TERM 1 (APRIL TO AUGUST)

TERM 1 (APRIL-AUGUST)	CHAPTER NAME
April	Communication Skills - I
	Self-Management Skills -I
May	Introduction to IT-ITeS industry
June	ICT Skills
July	Data Entry & Keyboarding
August	Digital Documentation + Revision

MARKS DISTRIBUTION - TERM 1

CHAPTER NAME	MAX MARKS
Communication Skills - I	10
Self-Management Skills -I	
ICT Skills	
Introduction to IT-ITeS industry	10
Data Entry & Keyboarding	15
Digital Documentation	15
Practical	50
Total	100

TERM 2 (OCTOBER TO FEBRUARY)

TERM 2 (OCTOBER-FEBRUARY)	CHAPTER NAME
September	Entrepreneurial Skills-I
October	Electronic Spreadsheet
November	Digital Presentation
December	
January	Green Skills -I
February	Revision

